AUG. 30, 1948 A MC GRAW-HILL PUBLICATION A MC GRAW-HILL

AIRPORT LIGHTING ENGINEERED BY L-M

L-M Airport Lighting is designed by airport lighting engineers, who also engineer the installations. L-M offers complete equipment for the largest airports; and specialized "package" lighting for smaller airports at a cost for equipment of only \$1 per runway-foot. All meet CAA specifications.



L-M-Bartaw High Intensity
Runway Lights
up to 180,000 beam candlepower

Medium Intensity Elevated Runway Lights



of smaller fields.

Rotating Beacons
Two sizes—
1000 watt, 325
watt scaled



Obstruction and Marker Lights Cantrol Panel and Power Units



APPROACH LIGHTING

LM—Bartow approach lighting is now being rigorously and extensively tested under ANC supervision. Like all LM— Bartow equipment, it will not be announced or offered until fully approved. For the basic principles, see pages 18 and 19 of brochure described at right.

only the fully controllable beam of L-M-Bartow approach and runway lighting permits the very high intensity of 180,000 cp



In clear weather, intensity can be reduced; lights are aimed to meet at a distant point. (Angles are exaggerated to simplify the diagrams.) All lights appear of approximately equal intensity to the pilot.



With lowered visibility, intensity of the lights must be increased; beam direction is corrected (red arrows), securing maximum possible penetration. And there is no glare, even at maximum beam candlepower!

Brings them in all over the world L-M-Bartow pioneered high intensity lighting and is today's

leader, both in quality and in number of installations in operation or being installed—at Boston, Chicago, LeGuardia, N. Y. International, Newark, Minneapolit-St. Psul, Raleigh Durham, St. Louis, Salt Lake City, Worcester, and others. Many foreign installations, including Dublin, Shunnon, Brussis, Hankow, Canton, Lunghwha, Caracas, Panama, and dozens of army and naxy fields.

How it Works

Both intensity and beam direction are automatically controlled from the tower. When visibility decreases, the light intensity is raised and the lights are "coned in" to the correct angle of maximum penetration. As the pilot picks up the beam of the first lights, he sees them at maximum, glareless intensity; as he comes nearer, he is at a different angle to the beam pattern and the optical system reduces the intensity so that the lights appear no brighter than when he first say them. The L-M-BARTOW systemand only the L-M-BARTOW systemmakes it possible to use the extremely high beam intensity of 180,000 cp. without glare, to reach out farther and "bring 'em in alive' when every foot of distance counts.

Write for this brochure

"The Lights that Bring Them In" explains the principles of runway lighting in illustrations, charts—it's worth reading. If you haven't a copy, write Line Material Co., Airport Lighting Dicision, East Stroudsburg, Penn.



LINE MATERIAL Airport Ligh



Flight-condition fire-fighting...

-STUDIED ON THE GROUND!

This huming B-36 engine is on the general-but the fluxus are famed by a high-speed eligocomm?

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Webter Kidds & Company, Inc., \$18 Main St., Belleville 9, N. J.

AVIATION WIFE, Aspect 35, 1666.



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-the highest-for Roebling securit

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FOR THE AVIATION INDUSTRY

AVIATION WEEK, August 20, 1945

THE AVIATION WEEK

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Miking those figure even more discuscering is the only 500 new-type stage places, each of 20 ton prolesd. The cold in that the 800 per-type cumo change aren't in correcce. And there is no nire show will be for your No one, without or government, has endered them

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Here's What They See. Here's the way logistics planners look at the shape

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enths med engines not the much mean reproprietal com-Mesnwhile, both military and commercial cargo people are trying to copatalize on the one thing that

THE AVIATION WEEK

4000 TYPES Of Casters & Wheels

BAVE MONEY and TIME These precision made casters and whools will pay for themselves many times



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AVIATION WEEK, Apper 30, 1948

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By Charles Adons

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READLINE NEWS

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AVIATION WEEK, August 30, 2945

AVIATION CALENDAR

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Dr William Kenner

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RRIFFING PRODUCTION NEWS

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Design Analysis

Lockheed Constitution Transport

Spaciousness, comfort keynote long-range passenger version. Ingenious engineering features mark design.

By Robert McLarren tection transports at a cost of \$111,- process, although the Berback Mante The Lockberd Model 29 sensity on a the Roll propose was measured questly and over a role stage. 20,000 by resided francisco and

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a special profile developed by Helica If is built up of 7 seembles-2 top icoboos, 2 euter penels, 2 meer penels Hadrend in a comprehensal haracter tegral fuel tasks, 2 power plint with and 5 interchannel-ble flar regrates 101 sq. ft. The fine are development

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> angle, long beam boilted to the butsingle, long death bosons to the Bor-tom of the radder torong tabe withou the facinge, projecting forward with a

> Although the represent annear centrals and high aspect ratio surfaces

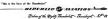
PSurface Chebrolicals was supported tation carrols would require special attention to their major requirementsbook, low friction and low defection uses cables extend 127 ft without a bood, and similarly, afterns sobles run Defection was managined with eable

AVIATION WIELL Asset 20, 1965

PERFECTIVE ON SCIENCE ...

When you see a str propelled Air Force Sphier or benefit alone streeting enschand ... consider the tree and effect rakes to get if there. & The ASPUBLIC F-64 THANDEAST first flow on February, 1946 Couding up to that smoothed day, well over 500,000 engineering menhaus wate sport in outling boarder what was then because about the resting problems of set propoleton et figliers 4 Sine then, averal familied Theodoyets home relan they place with versions groups of the UEAF ... Academ feels without anymorphism mothers have added greatly to the perfectmence and utility of the F-54 ... To been abount of changes assessment tradegues, more than 400 major. suday) E.E.E. E. And that's not all. New art developments, along with new annuments in prival Air Force parentiess, one expected to copiers of fewel

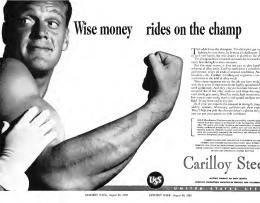
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seed spollesons. And they also no favoriges because they have a had Is any form and in any ster, So if your job requires the unusual in strength, touchers, durability, statusas, fabroacing qualities-get their expert operant.

you can put your money on with confidence

COLUMN A STATE CHAPAGE SAN PARACTER, PALIFFE ENAMERS BETTER TOTAL

Carilloy Steels

BACKER PARKET OF BEEN MARY





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ENGINEERING-PRODUCTION

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AVIATION WEEK, dogset 30, 2960

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AVIATION WITH Asset 30 1045

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ENGINEERING-PRODUCTION

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Flow Panel Eases Tank Selection

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British Policy Criticized by Labor Aircraft workers' meeting reflects growing sentiment for nationalization; resolutions are "Fig Reitish"

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FINANCIAL

Bank Credits Still Aid Airlines

Desgite shapp in earnings, carriers continue to get new large plus advances against standable credits.

* Paters - Most beak loom fallow a endown matters. They short out as a Espen his down only \$5 million names affect gazy be found to its or Motors Acceptance Curp short-turn book strafts are convented uses loans name Including the protone hank of admeter of the rescal industry our ties. This currier has converted its \$40 uffice, stand by book could into a marks received at Charles 1844 than \$35 or Eleg is excited capetally such recognitions from purpose, it assistes New York. The loss is new payable in such equal metallinests of \$5 million cich every its months, and exerce a down the behave of its back could be PROSES-Per Austrian remineds had credit but in easier to hour the boards of the entire could have a day dove es of Tale 1. 1988. Not be have done bank confir at a later date. Should the carrier subrequently discover & peoded uddhost harken accommodates it ning difficult to obtain and controlly 540 million and his respected \$16 a newlest if any, interes one center, cutter the current charge on became a term loss effective July 1,

AVIATION WEEK, Asset 35, 1966

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ture Feb 1, PhOT, but have chosen * Interest are Confid-Probably the confi book crofts puttern exets for North 1916, nepitated a revolving credit and wet Arises in April, 1947, the rerailing through the same of new peri

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It is believed that more than one nevert winner rate, with a commitbut her 10 7240 the coter had extend here proble in 20 equal que P Hickey Interest-It is semifored to not the recomme higher interest

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SALES & SERVICE

Used Airplane Business Is Slack A thriving field after the war is now glutted with surplus

planes and two-placers which noblic no loneer wants. scent of uplesp cut and minimum

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Print and Genre emines "afen-

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Airplanes or Groceries: Customer's Choice

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Aerocar Road Tost Scheduled for Fall Wash, designer of the new cons-

AVIATION WILK, durant 45, 1860

The letter sale, "Why don't before construction is stated on the the air Sunday, too." It concludes, "I hope you will

Aerial Patrol P. Draken, Tooks propers that the decurve muffers, quest propeller heated. even from a bottom for monument.

Ventitive peace for the Armour har \$800,000 for Fort Worth Despite objection by the city of Dellas Fort Worth Malury Airport

Women's Place

First step in a complete con-

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Directory and Chart

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BRIFFING FOR DEALERS & DISTRIBUTORS SPRAYT WING PLYING BOAT - Course Speed, persistent for fight with the latest of his controllable-wine from hosts near his

small wheat at Deco River, Coop ter. Smitt developed an evocumental controllable-wine sandable plane which was flown more two;; but was pover pet rato quantity pro-liction. and a half: Sport reported his firms best performed "cetterly up to specifications. Additional test fights will follow

CAS DEVELOPMENT CHOST WALKS-CAS might still for The subject of CAA personal plane desclopment was resurreded but consumer entenance with some 40,000 members. This time the

Derse sets he buck files, Kneed started with the Steamen Harr-Knut chills up "only one" comparably weethwhile development,

necessary command by the convenient whole small be carried on Bassarh Keenst requests! "Does the second stere that CAA has saddled the number selecte with me, conditions because of a CAA presented

ATS MENSIONSHIP RULES-Look for a change near in memberslop ades at the Accountreed Teaming Secrety which will rece member-Cast. Max Bullyor, elector of Sporter School of Accounties. Takes and ATS president held an explanator meeting in Winhardne scenation on the respect change in the entricate of magnetizer. Meeting with him was such ATS accounts to Mordit Andreas, Maleurice: Clarece Page (Richoras Cele; ted John McCabe, Marin, Proposed cheeger will be discount further at a Cleveland meeting Sopt 1 Heretology ATS manheathin has been restricted to the original field wheels which one most of the World War II for Press salest their private instruction. Under souther change in membership requirements.

AIR TRANSPORT

How Large Are "Large Irregulars" AVIATION WEEK survey of transcontinental nonskeds shows they are a long way from being big business.

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miles and Agrice Transport Corners

FROSTRES Listed-levisdent contact

Mail Parade

EAL lines up with AA. ► Respect for States-Eastern months! UAL, TWA, NWA. in higher rate plea-Releabscler and that CAR should

CAP's "big five" mad rate decrease of last April set EAL's pay at 64.38 centra ton male reput to \$7,624,000 or company rand pay by at least \$4, Dec. 11, 1947 FAL and it lest crife rate. For all of 1947, Englera's

EAL Buys Five More New-Type Connies Eastern Air Lines has shalled its in lifeth to be a decrease in strength encodest and present recovery units The 20 two corne plants would have



PROTECTION FOR PERISHABLES Sich saware has practically four later mo. Evens. Protected in the six by cooling and Me air conditioning units to supplement as Basing systems on Sled's C No. escalable an soft antened coolinaheates such Adjace to entire or transfer to other

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Airlines Still Row With Port Authority Nine scheduled anhaes, in a letter O'Descr. but thered the Part of

This is the second time the corrient have appealed to the Mayor. He torsed the letter over to Commissioner of Commerce Edward C. Magner for to-Nam cause of contention, as before,

player Agreemen had proposed to do the work at cost play \$1. Hely for to

Transocean Makes Money

With a foreign charter service, an overhaul business, other activities, company nets half million in two years.

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By Bohen Heer

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Another moneyeaker for Transporar

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"That turned out to be a blessing in and necessitated setting up a new share. It will now commercial becomes to stey Transporter's sandt and how state business has been dependent on a sharp owenty reducto at as still heating our

Delta Supply Costs Up 25 Percent Airline favors uniform stock inventory practices; break-

down given on last year's expenditures. Officials of Dalta An Loop, votal-our

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AVIATION WITH Asset 50 1000

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AVIATION WEEK, August 26, 1965

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LATCHING RITE. DESIGNED

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SHORTLINES

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U. S. for Sweeper

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AVIATION WIEK, Asset 30, 1966

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SEARCHLIGHT SECTION

EMPLOYMENT + BUSINESS + OPPORTUNITIES + PLANES + EQUIPMENT.--USED ++ RESALE

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AVIATION WIJK, Aspet 23, 1981

ADVERTISERS INDEX

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PROPERIORNAL SERVICES-SEARCHLIGHT SUCCESS

AVEATION WEEK, during 20, 1965.

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